

Patent Application of Joseph L. DiCarlo for "Archers Flame Illuminated Arrow  
Nock" continued

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CLAIMS

What is claimed is:

1. A method for illuminating an archery arrow nock, said lighted nock installed in a tubular arrow shaft, said apparatus comprising:
  - a - a light diffusing translucent or clear nock;
  - b - a power source;
  - c - an LED light source;
  - d - a single pole switch;
  - e - a dowel or dowels fitted in tubular arrow shaft as a means of limiting forward travel of said assembly;
  - f - an end cap is provided as means of protection for battery and components;
  - g - an anchor pin inserted through nock and collar assembly as a means of joining said components as a single unit;
  - h - a hole drilled in nock and collar to accept anchor pin.
- 2 - illuminated arrow nock of claim 1, wherein; the battery, <sup>LED</sup> switch, and collar are a combined unit.
- 3 - illuminated arrow nock of claim 2, wherein; a means is provided for the illumination of the LED by compressing said components along the axis of the tubular arrow shaft and therefore creating an on or "closed switch" position in which <sup>LED</sup> switch to energize said LED light source;
  - a - a dowel or dowels are positioned forward of said illuminated nock in a fixed position within arrow shaft as a means of restricting forward travel.

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